

Amendments to the Claims

Please amend the claims as shown below.

1.- 5. (Canceled).

6. (Currently Amended) A computer-implemented enterprise management system, comprising:

- a revenue budget ledger database to store a plurality of revenue budget items representing a budget defined for an organization utilizing an enterprise management application;

- a revenue budget postings ledger database to store revenue items generated from various transactions and already admitted to the enterprise management system;

- a plurality of Availability Control (AVC) ledgers of an Availability Control system, each ledger comprising an AVC rule set related to a control object(s), and a database to store aggregated values of revenue budget items from the revenue budget ledger database and revenue items from the revenue budget postings ledger database that are operands to the control object(s) in the AVC rule set of the ledger;

- a transaction manager, executing on a processor, configured to:

- receive new revenue transactions which include a revenue value from new posted revenue transactions,

- store revenue transactions in a transactions database, and

- determine whether each revenue transaction affects any control objects listed in any of one of said Availability Control (AVC) ledgers;

- an Availability Control manager, executing on the processor, configured to:

- receive from the transaction manager an indication of the control object affected by the new revenue transaction and the revenue value of the new revenue transaction;

- responsive to receipt of the revenue value posted from a new revenue transaction, accessing an AVC rule in one of the plurality of AVC ledgers containing the aggregated values of the revenue postings and revenue budget items relevant to the affected control object,

compare an aggregated value of previously-posted revenue value retrieved from a source address in the AVC rule related to the affected control object with a new aggregated value determined using the revenue value of the new posted revenue transaction;

determine from the result of the comparison, whether a limit to how much revenue may be posted for the control object has been exceeded according to a relationship defined by the AVC rule, and

cause the transaction manager to reject the new revenue transaction based on the results of the determination.

7. (Previously Presented) The computer-implemented enterprise management system of claim 6, wherein the aggregated values are generated for executing the AVC rule.

8. (Cancelled).

9. (Cancelled).

10. (Previously Presented) An Availability Control (AVC) method for an Availability Control system, the method comprising:

determining, by a processor, in response to a proposed posting of revenue to an enterprise management application, whether a revenue calculation of any control objects stored in one of a plurality of AVC ledgers would use the proposed posting in a revenue calculation, wherein each ledger of the plurality of AVC ledgers comprises an AVC rule set related to at least one of a plurality of control objects, and a database for storing aggregated values of revenue budget items from a revenue budget ledger database and revenue items from a revenue budget postings ledger database that are operands to at least one of a plurality of control object in the AVC rule set of the ledger;

identifying, by a processor, at least one of the plurality of control objects as a control object using the proposed posting in a revenue calculation;

executing, by a processor, AVC rules from the AVC ledger for each identified control object, the AVC rules testing whether the proposed posting of revenue would exceed revenue limits for the identified control object in the AVC rule set of the AVC ledger, and

blocking, if any AVC rule is violated by the posting and if the AVC rule identifies an error as a response thereto, the posting from being admitted.

11. (Previously Presented) The AVC method of claim 10, wherein the executing comprises: retrieving from an AVC database of the AVC ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings values addressed by the control object, and

determining whether the postings operand satisfies a test relationship stored in the rule set of the AVC ledger specified for the identified control object.

12. (Previously Presented) The AVC method of claim 10, wherein the executing comprises: retrieving from an AVC database of the AVC ledger containing the identified control object, a postings operand generated from an aggregation of previously admitted postings values addressed by the control object and from a new revenue posting value, and

determining whether the postings operand satisfies a test relationship stored in the rule set of the AVC ledger specified for the identified control object.

13. (Previously Presented) The AVC method of claim 12, further comprising storing the postings operand in the database of the AVC ledger associated with the control object.

14. (Cancelled).

15. (Previously Presented) The AVC method of claim 10, further comprising performing the determining, the executing and, if necessary the blocking for each of a plurality of AVC rule sets related to the identified control object.

16. (Previously Presented) A computer readable medium storing program instructions that, when executed, cause an executing device to:

responsive to a proposed postings of revenue to an enterprise management application, determine whether the revenue calculation for any control objects stored in one of a plurality of AVC ledgers would use the proposed posting in a revenue calculation, wherein each ledger of the plurality of AVC ledgers comprises an AVC rule set related to at least one of a plurality of control objects, and a database for storing aggregated values of revenue budget items from a revenue budget ledger database and revenue items from a revenue budget postings ledger database that are operands to at least one of a plurality of control objects in the AVC rule set of the ledger;

identify the at least one of a plurality of control objects as a control object using the proposed posting a revenue calculation;

execute Availability Control (AVC) rules from the AVC ledger for each identified control object, the AVC rules testing whether the proposed postings of revenue would exceed revenue limits for the identified control object in the AVC rule set of the AVC ledger, and

if any AVC rule is violated by the posting and if the AVC rule identifies an error as a response thereto, block the posting from being admitted.

17. (Previously Presented) The computer readable medium of claim 16, having instructions that further cause the executing device to:

retrieve from an AVC database of the AVC ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings values addressed by the control object, and

determine whether the postings operand satisfies a test relationship stored in the rule set of the AVC ledger specified for the control object.

18. (Previously Presented) The computer readable medium of claim 16, having instructions that further cause the executing device to:

retrieve from an AVC database of the AVC ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings values addressed by the control object and from a new revenue posting value, and

determine whether the postings operand satisfies a test relationship stored in the rule set of the AVC ledger specified for the control object.

19. (Previously Presented) The computer readable medium of claim 16, having instructions that further cause the executing device to store the postings operand in the database of the AVC ledger associated with the control object.

20. (Cancelled).

21. (Previously Presented) The computer readable medium of claim 16, having instructions that further cause the executing device to perform the determination, the execution and, if necessary the blocking for each of a plurality of AVC rule sets related to the identified control object.

22. (Canceled).

23. (New) An Availability Control (AVC) method for an Availability Control system, the method comprising:

determining, by a processor, in response to a proposed posting of revenue to an enterprise management application including an identifier of a donor organization that donated the revenue, whether any one of a plurality of AVC ledgers would use the proposed posting in a revenue calculation, where in each ledger of the plurality of AVC ledgers comprises an AVC rule set related to at least one of a plurality of control objects, and a database for storing aggregated values of revenue budget items from a revenue budget ledger database and revenue items from a revenue budget postings ledger database that are operands to at least one of a plurality of control object in the AVC rule set of the ledger;

identifying, by the processor, at least one of the plurality of AVC rule sets in at least one of the plurality of AVC ledgers related to the donor organization identifier;

executing the identified rule set; and

generating an indication of whether the proposed posting violates the identified rule set.

24. (New) An Availability Control (AVC) method of claim 23, the executing comprising:

retrieving from an AVC database of the AVC ledger containing the identified AVC rule set, a postings operand generated from an aggregation of previously-admitted postings values addressed by the control object, and

determining whether the postings operand stored in a control object satisfies a test relationship of the AVC ledger associated with the identified AVC rule set, wherein the test relationship tests whether the proposed posting of revenue would exceed revenue limits for the control object in the AVC rule set of the AVC ledge is retrieved from, and

blocking the posting from being admitted, if any AVC rule is violated by the posting.